



Fig.2.

1 TCCACAATTG CCGGAGAAAA TCAGTCGGGA ACTGCCGTG ATTATTCGTC ACTTATTAAA
 61 CGAATTGCC GACCAGATA AGGCTAAAAA ACTGCTACAG GCGCAACGCG ACTCGAACGA
 121 AGCGTTAACG GTAAAGAGTC ATTCCGGATCC GCTGTATCGC TTTTGTGGTT ATCTGGTGTG
 181 TGTCAATGAT ATGACCGGAA TGAAGATGGG CAATAAAAAC ATTAGCCCAC GAGCACCGAG
 241 ATTGTACTTG TATCATGCCT ATCTCTCTT TATGGAAGCG CACGGCTTTG AACGTCCGTT
 301 AACACTGACT AAGTTTGGTG AATCCATCCC CAAGATTATG CTGGAATACG GGAAGGAGTA
 361 TCGAAAGATG CGAACCAAGA AAGGCTATTG CTATAACGTG GAATTATCGG AAGAGGCCGA
 421 AGAATGGCTA CGTCAGTGC CTGAGTGTG AGACTTAAA TCACCTGTAT AAAACTTGTG
 481 GCTTAAAGTC TGCACTCCAT ACACAACCTA AAATATCTAA TTGTATTTAA AAGAAAATAA
 541 TAGATGTATA GTTATTTTT AACTATACAT AAGCTCTACA TGCTCTTCAT TCGTGTAAAA
 601 AATGGGTGAA CAGGTGATAC AGTCAGTGAAT TATCATATTA ATTACCGTAA ACCCAGATGT
 661 AGCAAGGCTT TCAGGGATT GTGCAGAGGG TGCATAACTG AGAGGGGTGAA AAAGATTTTC
 721 AGGGGGGCTT ATGGCAGGTA AACAAAATCA GAAGCAAATA CGGTGACCAA TCTGGTTTT
 781 ATTTTTTGTT ACTACCTCAA ATAAAATGA TGTAATCATC TGATTTTATT TAAGAATAGA
 841 AGTTAATCAC AATTTCATTG ATGACTTTG ATTACACATG GTATAGATAA ATAATTCTGT
 901 TATATCTGT TTCATTACGC ATTACATCAGG AGTGTGTTA CAGGAGACAA GAATGTACAA
 961 CATCAATTAC TTGTCGTAA AGGGCAAGAA CGAGGGTTA ATTTCAGCG GTTGTCAAC
 1021 GCCTGAATCA ATTGGAAATC GCTATCAAAA AGGACGTGAA GATCAAATAC AGGTATTGAG
 1081 CCTGAAATCAT TCGATGAGCC GTGACCAGAA TGTTAATCAT CAACCCGTCA GTTTGTGAA
 1141 ACCCAATTGAT AAATCCTCTC CCCTGTTTGC TGGATGCCAG TTTTGTGCAT TACAGGACAA
 1201 GCCAGATGGG ACAACTGGAG TTCTTTTATG AAATCAAGCT GACCAGTGCC ACGATTGTGG
 1261 ATATTCCTA TAATTATCCG GCATTCAATC AATGATAATG GTGCGATACC CCATGAAGTG
 1321 GTGATGCTCG ATTATAAGTC CATTTCATGC AACCACATCG CGCAGGACT TCGGGCTACA
 1381 GCATACGCAA TTAGCCGAA GTGAAGAAGC AAGCCGTTT TATCTGGGGT CTCGAATGTT
 1441 AAGCCACTT AAGAAGCCGCT GGTGAAGAA ACCCCGCTAA ACCCCGCTAA ACATCATGCC
 1501 CGTTATCGTT GTGTGGATGA TGACGGCAAT CTTTTAACCG AACGCAAGTA TCGGGTTTGC
 1561 CTGCCGGATG GTCAGATAAA AGAAGGAAAG ACTGATAAAC AAGGTTACAC CCAATGGCAT
 1621 CTTACGGATG AAAAAATAA ACTTGAATT CATAATTAA AGGATTAATA CCATGCCAGC
 1681 CTATACGTT CAGACAAAA TAGAATCCA CGTACCTGTT GAAAACCTGC TTTACGACTT
 1741 AACCAATTAT CGTAAGGATG CAAAAGGAAA TTTCCATATC TTGCTTGATG TTTTCAGGA
 1801 GAAACTACAG AGTAATTATG AAACACAAACA GCATATCAGG CAGGAAATAG ACGACGATCT
 1861 TTCTGTGATT TATATTATGC AAATTATGCT TCACCGCAA CATGGCTCAA ATATATTCC
 1921 GGCACTGCAA ACCCATTAA AGAAAATGTA TACCTCGT GAATTAACTT CCGGTAAGC
 1981 CTGTTCGGAG AAAAAACGGG AAAATGCCTG TTATTTTGAA AGTACAGTT AAACAAAACC
 2041 TGTCAAGCGAC GGGGATAATA CCGTTGACTT AAATATCACT ATTCCCTGAAC GACCTTTTAT
 2101 TGCCAAAGAA TATCCCATTG GTCACCCACA CGATCCATTG GAAAAAAGTA AAATTGAATC
 2161 ATAATACAG GACAGGTTAT CGAAAAGAAT TTATCCGGAT CAAATGGAG CAAGTTATG
 2221 TCAGGGCGCG AGCACACTAT TTAGCTGCG TTTTTAAGAT GATTATCTCT TAATGTTCA
 2281 TTTTAATAGT GTTTTTATCG AGTGAATT TTAGCTGCG TTTTTAAGAT GATTATCTCT TAATGTTCA
 2341 AGAAAACTAA AGAATTAAAG AACAGATTG ACATTTAAG TTCAAATATT AATCAAAGTA
 2401 TGCTCGGCC CTGAGTTAT GTGGCCCTGC CGCTTTTTT TATTGCTGC CAATAGATAG
 2461 ACCAGATATT TATGAGCAAG CGGCACGAGA ATTATGGAA TATGGCGAA CTAAAATTGG
 2521 TCAACTGGAA ATTAAGCCGG GTGAGGGTTG CCGACATCCT AAAGGTACTT TTTATAATCA
 2581 ATATGGTAA AGAATATCTG GTTAGATTG GCTGACATTG GCAAGCCTAA GAGATTCAGA
 2641 AAATATGATG ATGAGGTTGA TGATGAAGTA GCTGGTATTA CAATGTGGGG AAAATTGACA
 2701 GAATGGTTTG AAAATCAGG GTATGAAAAA GTATTIAGTA ATGTCGGCTT ATCCCAATTCT
 2761 AATATAATG ACATAGTAAC TCTTAGTGTAT TACTATAACA AAGGATATCA TGTTGTTACT
 2821 TTGATTTCACT CAGGAATGTT ATCAGATT TGTGACATAG AAAACATCAGG AAAAATCAT
 2881 TGGATAGTTT GGGAAAGGAGT AGTAGAAAAC TATGAGAAAG AAAATATCAC AAATAATTCA
 2941 GATCTGAATC AATATGTTAA TTAAATCTG TTTTCATGGG GTAAAGTGGAA ACATCAAATT
 3001 AAAAAAAACA AATCACTAGA TTATGACTC AACCATATT TTTGAGGGTT GGTTTTTAAA
 3061 CCAATGAAAT AACATGAAAA AAATATTAAT TTTTTTATT TTTTTACTTT ATGGGGTGTGG
 3121 TAATCCAACG CCAAAAGTTT TACCAAAATC AGAGTTCTT CCTGATGCG TGATAAAATGA
 3181 ACCATATCAG GCATCAATTA CCATCACAGG AGGTGCATTG AATGAAAAAA GCGTTGGGT
 3241 AAAAATTCACT CCTACTGGCT CAGGACTAAC ATGGAATCCA AAAGATAGTT CTTTCCCTATA
 3301 GGGTGGAAAA AAAGAAATAA GAAAAGATTA TCATCATATA AATATAACAG GTACCCAAA
 3361 GAAGACAGAA TTGATAAAAA TTGAAGTGGT AGGATTACAA TTGGGTACAA TGTACGCACG
 3421 GAAAGAGTTC ACTATAAATT ATACTATAAA AGTAAGGGAA TAATTGTAC TATCAGAATG
 3481 GTGATTTAAT TCGCCATTAA TATACTTTG TATACTCTCT CAACATAATC AGGATTCTT

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Fig.2.

3541	CTTATTATTT	TTCATGGTGC	AAAAAACGTT	TATTGCAAAA	ATAAAATTAAG	TTAATCAGAT
3601	AAATTATCTG	CATTACTGTT	ATAATCGATA	ACACGATAAC	CTGACTTTCT	GCCTGTTCTT
3661	ATGAACCTGA	AGATAATCCT	TTCTGAGCCT	GAACGAATCA	CATTGCAACC	ACTCGTTTG
3721	AATCACCCAC	ACCGGGACAT	TCGTACCGGA	GGAACGGGTT	TACTCATGCT	TGCCAGAGGG
3781	AGCAAGCCGT	CCCAGATCAC	CGCTGAAATC	GGATGCACTC	TCCGGGTTAT	CTGTAATTGG
3841	GTTCACATGT	GGCACAGATA	GCGGGATTAT	TCGGCGGTCA	TGCCGGAGGC	CGGTATCTCG
3901	CCATGACGCC	TGACATGATT	GCCACTGCGC	TCGAAGCCGC	CAGCGCAGAG	TCCCTGACGT
3961	GCGTCGAAGC	CAGGCAGGGT	TTCCCTGCCT	TGTACGTTG	AAACGCTGGC	GAATACCTG
4021	AAAAAACAGG	GGCTCCCCTA	AAACGCC	CGCCTGTCG	TTAAAAAAAG	CGCAATAAAA
4081	CGGAGTTTGC	TGAAAAATCC	GCCTTGTGA	ATAAAATTAA	GGCCGGAGCA	CAGTCAGGAC
4141	ATTACCGTCT	GGTCTATTTT	GAGTTCTGGG	GGCGTTAAAT	TACACGGATA	ACACGCTGTT
4201	TTACCAAGACA	ACGTCAAGCA	GTATCACGCG	AGATGACGTG	ATTGATTTTT	TAGAGCCGGT
4261	GGCCAGACAA	GGGACAAACCG	CCTGACATIT	TTAGTGTG	ATAATGCGC	TATCCATCAC
4321	GGGATAGAGG	AAAAAATCAG	AAATGGCGGG	TGACGAGAAC	ACAACCTGTT	TTTATTCTAT
4381	CTTCCCGCTT	ACAGCCCAGA	GCTGTATCTG	ATTGAATCAG	TCTGAAACAA	GGCCAATAC
4441	GACTGGCAGC	GTTTATACAC	CTGGAACCTAG	GATACAATGG	AATATGAGGT	AAATACTTTA
4501	TTGAAGGTT	ATGGCGACCA	ATTGCAATT	AACTTTCTT	GAGTACTTAG	TAAGAATAGA
4561	GTCAGTCGAG	GTTCATTCAT	TCGGGTCG	GGGGATGATA	CTGAAAATT	GTTTGTAAATC
4621	TCTGAAAATT	GCTGTTTCTG	TGGCTACGTC	TGTCTTTGG	GATATTGTTT	CCATCAAGTC
4681	TGTCAACATA	CTGTTAAGTT	AGATGTTGAT	AAAAGAGACT	GAATTATAAT	ACAAAACAAT
4741	AAATCACTTG	GACAATATTT	TATTCACAT	GAGACATTAA	GGTTGATT	CCCAATCTGG
4801	TCAGTTATAA	CCGAATAAGG	ATCTTGGAAA	ATCATGGAT	CTTACTTTTA	TCAAATGAAG
4861	TTAACGTAAA	AGTTGATAAA	AAAATTATT	TAATTCTAAG	TGCCGTTGGC	ATAAAATATT
4921	TGTGTTTGT	TAATGAATGA	ATAACCGGT	AAGCTGGATT	TTCATTTTT	AATTACTCGT
4981	TACAATATGC	TATTTATTTA	TATAAAGAGT	TTGTGCCCCAT	TTAACAGTA	AAACAAATTG
5041	TTCAACCGTA	ACTTAGCTTC	ATCGACTTTT	GGCCTCGCCT	GGTCAGAAC	TAGGGCCGTT
5101	ATCCTATTTA	TTTATGATAA	ATAAAATTAA	ATTATCTTA	ATAAGCTGAA	TATGTGGATT
5161	TGTGCTCAAT	CTTGGATTCA	AGTATGTATT	CTTTTTGGTA	CCCTGCTTTA	TTTTAAGGCA
5221	GATGAAGAGG	ATGCCAACAT	GACACAATAT	CGATTACGAC	TGTAACATTA	AAGTCAGTTA
5281	TAAATTTAT	GATTAAAATG	AAATTTAGT	AGAAAATCGT	ATTCTATTCC	GCCATTACAA
5341	ATAGCATCCT	CTTTAATATC	ATTAATCTCA	GATAAAACAA	ATAATTACAA	TGTGAATAGA
5401	ATAATGACTT	ACAAAATTAAG	CACTAAATCT	TCAGATGAAAC	TCTTAACCTGA	CAACACTATT
5461	TTATAAAATA	ATTGAGGTTA	TTATGTATAG	CACGGCTGTA	TTACTCAATA	AAATCAGTCC
5521	CACTCGCAGC	GGTCAGACGA	TGACTCTTGC	GGATCTGCAA	TATTTATCCT	TCAGTGAAC
5581	GAGAAAAATC	TTTGATGACC	AGCTCAGTTG	GGGAGAGGCT	CGGCATCTCT	ATCATGAAAC
5641	TATAGAGCAG	AAAAAAAATA	ATCGCTTGCT	GGAAAGCGCT	ATTTTACCC	GTGCCAACCC
5701	ACAATTATCC	GGTGCTATCC	GACTCGGTAT	TGAACGAGAC	ACCGTTTAC	GCAGTTATGA
5761	TGAAATGTT	GGTGCCTGTT	CTTCTTCCTT	TGTGAAACCG	GGTCAGTGG	CTTCCATGTT
5821	TTCACCGGCT	GGCTATCTCA	CCGAATTGTA	TCGTGAAGCG	AAGGACTTAC	ATTTTCAAG
5881	CTCTGTTAT	CATCTTGATA	ATGCCGTCC	GGATCTGGCT	GATCTGACTC	TGAGCCAGAG
5941	TAATATGGAT	ACAGAAAATT	CCACCCCTGAC	ACTGTCTAAC	GAACGTGTC	TGGAGCTATT
6001	ACCCGCAAGA	CCGGAGGTGA	TTCGGACGCA	TTGATGGAGA	GCCTGTCAAC	TTACCGTCAG
6061	GCCATTGATA	CCCCITATCA	TCAGCCTTAC	GAGACTATCC	GTCAAGGTAT	TATGACCCAT
6121	GACAGTACAC	TGTCAAGGCT	GTCCCCGTAAT	CCTGAGGTGA	TGGGGCAGGC	GGAAAGGGCT
6181	TCATTACTGG	CGATTCTGGC	CAATTTCT	CCAGAACCTGT	ATAACATT	GACCGAAGAG
6241	ATTACGGAAA	AGAACGCTGA	TGCTTTATTT	GCGAAAAC	TCAGTGAACAA	TATCACGCC
6301	GAAAATTTCG	CGTCACAATC	ATGGATAGCC	AAGATATCAG	GTCTGAACT	TTCTGAGGTG
6361	CAAAATAC	TCGGGATGTT	GCAGAATGGC	TATTCTGACA	GCACCTCTGC	TTATGTGGAT
6421	AATATCTCAA	CGGGTTAGT	GGTCATAAAT	GAAAGTAAAC	TCGAAGCTTA	CAAATAACA
6481	CGTGTAAAAA	CAGATGATTA	TGATAAACAT	GTAAAATTACT	TTGATCTGAT	GTATGAAGGA
6541	AATAATCAAT	TCTTTATATG	TGCTAATT	AAGATATCAG	GAGAATTGG	GGCGACTCTT
6601	AGGAAAAACT	CAGGGACAA	TGGCATTGTC	GGCAGCCTT	CCGGTCCCCT	GGTAGCCAAT
6661	ACTAATTTC	AAAGCAATT	CTTAAGTAAC	ATATCTGATA	ATGAATACAG	AAATGGCGTA
6721	AAAATATATG	CCTATCGCTA	TACGTCTTCC	ACCAGCGCCA	CAAATCAGGG	CGCGGAAATA
6781	TTCACTTTG	AGTCTTATCC	CCTGACTATA	TTTGCCTCA	AACTGAATAA	AGCCATTGCG
6841	TTGTGCTG	CTAGCGGCT	TTCAACCGAAT	GAACGTCAA	CTATCGTACG	CAGTGAACAT
6901	GCACAAGGA	TCACTAACGA	CTCCGTTCTG	ACCAAAGTTT	TCTATACTCT	GTTCTACAGT
6961	CACCGTTATG	CACTGAGCTT	TGATGATGCA	CAGGTACTGA	ACGGATCGGT	CATTAATCAA
7021	TATGCCGAC	GATGACAGT	TCAGTCATT	TAACCGTCTC	TTAATACCC	CGCCGCTGAA
7081	AGGGAAAATC	TTTGAAGCCG	ACGGCAACAC	GGTCAGCATT	GATCCGGATG	AAGAACAAATC
7141	TACCTTTGCC	CGTTCAGCCC	TGATGCGTGG	TCTGGGATC	AAACAGTGGTG	AACTGTATCA
7201	GTTAGGCAA	CTGGCGGGTG	TATTGGACAC	ACAAAATATC	CTCACACTT	CTGTCCCTGT
7261	TATATCTCA	CTGTATCGCC	TCACGTTACT	GGCCCGTGCC	CATCAGCTGA	CGGTTAATGA
7321	ACTGTGTATG	CTTATGGTT	TTTCGCGCTT	CAATGGAAA	ACAACGGCTT	CTTGTCTTC

Fig.2.

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7381 CGGGGAGTTG TCACGGCTGG TTATCTGGTT GTATCAGGTG ACGCAGTGGC TGACTGAGGG
 7441 CGGAAATCAC CACTGAAGCG ATCTGGTTAT TATGTACGCC AGAGTTCAAC GGGAAATATTT
 7501 CACCGGAAAT CAGTAATCTG CTTAATACTC TCCGACCCCCG TATTAGTGAA GACATGGCAC
 7561 AAAGTAGTGA CCGGGAGCTT CAGGCTGAAA TTCTCGCGCC GTTATTGCT GCAACGCTGC
 7621 ATCTGGCGTC ACCAGATATG GCGCGGTATA TCCTGTTGTG GACTGATAAC CTGCGGCCGG
 7681 GCGGCCTGAA TATCGCCGGA TTATGATGTC TGGTGCTGAA AGAGACGCTG AGTGATGAGG
 7741 AAACGACCCA ACTGGTCAA TTCTGCATG TAATGGCACA GTTATCGCTT TCCGTGCAGA
 7801 CACTGCGTCT CAGTGAAGCA GAGCTTTCTG TGCTGTCAT TTCCGATTT GTGGTACTGG
 7861 GTGCGAGAAC CCAACCGCCG GACAACACAA TATTGATACT CTGTTCTCAC TCTACCGATT
 7921 CCACCAAGTGG ATTAATGGGC TGGGAAATCC CGGCTCTGAC ACGCTGGATA TGCTGCGCCA
 7981 AGCAGACACT CACGGGCGAC AGACTGGGCC TCCGTGATGG GGCTGGACAT CAGTATGGTA
 8041 ACGCAGGCCA TGGGTTCCC CGGGCGTGA CCAACTTCAG TGTTGGCAGG ATATCAACCC
 8101 CGTGTGCGAG TGGATACATG TGCGATCAGC ACTGCTCACT GATGCCGTCG GTTATCCGTA
 8161 CGCTGGTGAAT TATCCGTTAC GTGACTGCAAT TAAACAAAGC CGAGTCGAAT CTGCTGCCT
 8221 GGGATAAGTGC GCAGACGCTG GCAGAGAAATA TGGCAGGCCG ACTGAGTACA CAACAGGCTC
 8281 AGACGCTGGC GGATTATACC GCAGAGCGCC TGAGTAACGT GTTGTGCAAT TGTTTCTGG
 8341 CGAATATCCA GCCAGAAGGG GTGTCCCTGC ACAGCAGGG TGACCTGTAC AGCTATTCC
 8401 TGATTGATAA TCAGGTTCTCT TCTGCCATAA AAACCAACCCG ACTGGCAGAG GCCATTGCGG
 8461 GTATTCAAGCT CTACATCAAC CGGGCCCTGA ACCGGATAGA GCCTAATGCC CGTGGCGATG
 8521 TGTCAACCCG CCAGTTTTT ACCGACTGGA CGGTGAATAA CCGTTACAGC ACCTGGGGCG
 8581 GGGTGTGCGC GCTGGTTAT TATCCGAAA ATTACATTGA CCCGACCCAG CGTATCGGGC
 8641 AGACCCGGAT GATGGATGAA CTGCTGGAAG ATATCAGCCA GAGTCAGCTC AGCCGGGACA
 8701 CGGTGGAAGA GGCCCTTAAA ACTTACCTGA CGCCTTGAA ACCGTGGCAG ACCTGAAAGT
 8761 TGTCAGCGCT ATCACCGACAA CGTCAACAG CAACACCGGA CTGACCTGGT TTGTCGGCCA
 8821 AACCGGGGAG AACCTGGCGG AATATTACTG GCGTAACGT CATATATCAC GGATGCGAGC
 8881 GGGTGAACGT GCCGCCGATG CCTGGAAAGA TTGGACGAAG ATTGATACAG CGGTCACCC
 8941 ATACAAGGAT GCAATACGTC CGGTCAATT CAGGGAACGT TTGACACCTA TCGTGGTAG
 9001 AAAAGAGGA AGTGGCGAA AATGGTACTG ATCCGGTGGAA AACCTATGAC CGTTTACTC
 9061 TGAAACTGGC GTTTCTGCGT CATGATGGCA GTTGGAGTGC CCCCTGGTCT TACGATATCA
 9121 CAACGAGGT GGAGGGGTC ACTGACAAAA AACCTGACAC TGAACGGCTG GCGCTGGCCG
 9181 CATCAGGCTT TCAGGGCGAG GATACTCTGC TTGGTGTGTT GTACAAAACC GGGGTGAGTT
 9241 ACCCGGATTG TGGCGACAAC AATAAAAATG TGGCAGGCAT GACCATTAC GGCATGGCT
 9301 CCTTCAAAAAA GATGGAGAAC ACAGCACTCA CGCTTACAGC CAACTGAAAA ATACCTTGA
 9361 TATCATTATCAT ACTCAAGGCA AGCACTTGGT AAGAAAGGC AGCTATCGTT TCGCGCAGGA
 9421 TTTGAAAGTG CCTGCCCTGT TGAATATGGG TTCTGCCATC GGTGATGATA GTCTGACGGT
 9481 GATGGAAAATC GGAATATTG CGCAGATAAC CAGTAATAC TCCAGCGATA ACCTTGTCT
 9541 TAGCTACAT AACGCCGTT TCACTGTCAG ATATGATGGC AGTGGCAATG TCATCAGAAA
 9601 CAAACAAATC AGCGCCATGA AACTGACGGG GTTGGATGAA AGTCCCAGTA CGGCAATGCA
 9661 TTTATCATCG CAAATACCGT TAAACATTAT GGCGGTTACT CTGATCTGGG GGGCCCGATC
 9721 ACCGTTTTA TTAAAACGGA AAAACTATAT TGCACTAGTT CAAGGCCACT TGATGAACGC
 9781 AGATTACACT AGGCCTTGA TTCTAACACC AGTTGAAAAT AATTATTATG CCAGATTGTT
 9841 CGAGTTTCCA TTTCTCCAA ACACAATTAA AACACCGTT TTCACGGTT GTAGCAATAA
 9901 AACCAAGTGT TTTAAAAGT GCAGTTATGTC TTGGATGGT AATAATTCTC AGGGCTTCCA
 9961 GATATTAGT TCCTATCAAT CATCCGGCTG GCTGGATATT GACACAGGTA TTAACAATAC
 10021 TGATGTCAAA ATTACGGTGG TAGCTGGCAG TAAAACCCAC ACCTTACGG CCAGTGAACCA
 10081 TATTGCTTCC TTGCGGCCAA ACAGTTTGTG TGCTATGCCG TACACCTTAA AGCCATGGG
 10141 AATCGATGCT TCATCGTGG CCTTTACCAA TAATATTGCT CCTCTGGATA TCGTTTGTG
 10201 GACCAAAGCC AAAGACGGGC GAGTGTGGG TAAGATCAAG CAAACATTAT CGGTGAAACG
 10261 GGTAATTAT AATCCGGAAG ATATTCTGTT TCTGCGTGAAC ACTCATTCGG GTGCCAATA
 10321 TATGCAGCTC GGGGTGTATC GTATTCTGCT TAATACCCCTG CTGGCTTCTC AACTGGTATC
 10381 CAGAGCAAAC ACGGGCATTG ATACTATCCT GACAATGGAA ACCCAGCGGT TACCGGAACC
 10441 TCCGTTGGGA GAAGGCTTCT TTGCCAACTT TGTTCTGCC AAATATGACC CTGCTGAACA
 10501 TGGCGATGAG CGGTGGTTA AAATCCATAT CGGGATGTT GGCCTGAACA CGGGAAAGGCA
 10561 GCCTTATTAC AGCGGAATGT TATCCGATAC GTCGGAAACG AGTATGACAC TGTTGTCCTC
 10621 TTATGCCGAA GGGTATTACA TGCTGAAAGG TGTCAGATTG GGGGTGGAT ACCAGAAAAT
 10681 TACCTATGAC AACACTTGGG AATCTGCTTT CTTTTATTGTT GATGAGACAA AACAGCAATT
 10741 TGATTAATT AACGATGCTG ATCATGATTC AGGAATGACG CAAACAGGGG TCGTAAAAAA
 10801 TATCAAGAAA TACAAAGGAT TTTGAAATGT TTCTATCGCA ACGGGCTATT CCGCCCCGAT
 10861 GGATTCAAT AGTGCCAGCG CCCTCTATTA CTGGGAATGTT TCTATTACAC CCCGATGATG
 10921 TGCTTCCAGC GTTTGCTACA GGAAAAACAA TTCGACGAAG CCACACAAATG GATAAACTAC
 10981 GTCTATAATC CCGCCGGCTA TATCGTTAAC GGAGAAATCG CCCCCCTGGAT CTGGAACACTG
 11041 CGGCCGCTGG AAGAGACACT CCTGGAATGC CAATCGTTG GATGCCATTG ATCCGGATGC
 11101 CGTCGCACAA TATGACCCGA CACACTATAA AGTTGCCACC TTATGCGCC TGTTGGATCA
 11161 ACTTATTCTG CGCGCGATA TGGCCTATCG CGAAGTGAAC CGCGATGCGT TGAATGAAGC

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Fig.2.

11221 CAAAGATGTGG TATGTGCGTG CTTTGGAAATT GCTGGGTGAT GAGCCGGAGG ATTACGGCAG
 11281 CCAACAGTGG GCCGCACCGT CTCTTTCCGT GGCGGGCAAC CACACTGTGC AAGCGGGCTA
 11341 TCAACAAGAC CTTACGGCGC TAGACAAACGG AGAAGGTTGC ACTCAACCCC GCAACGCTAA
 11401 CTCGTTGGTGC GTTTGGTCCT GCGGAATATT AACCCCGAAT CAAACCGATA CTGGCAAACC
 11461 TGCCTTGGCG CCTGGTTAAC CTGCGCCATA ATCCTTCCAT GACGGGGCAAC CGTTATCGCT
 11521 GGGCAATTAC GCGAGCCTAC GATCCGAAAG CGCTGCTCAC CAGTATGGTA CAGCCTCTC
 11581 AGGGCGGTAG TGCACTGCTG CCCGGCACAT TGCTGTTATA CCGCTTCCCG GTGATGCTGG
 11641 AGCGGGCCCG CAATCTGGTA GCGCAATTAA CCCAGTTCGG CACCTCTCTG CTCAGTATGG
 11701 CAGAGCATGA TGATGCCGAT GAACTCACCA CGTTGCTACT ACAGCAGGGT ATGGAACCTGG
 11761 CGACACAGAG CATCCGTATT CAGCAACGAA CTGTCGATGA AGTGGATGCT GATATTGCTG
 11821 TATTGGCAGA GAGCCGCCGC AGTGCACAAA ATCGTCTGGA AAAATACCAAG CAGCTGTATG
 11881 ACGAGGATAT CAACCACCGA GAACAGCGTG CGATGTCACT GTTGTATGCG GCGGCAGGTC
 11941 AGTCTCTGGC CGGGCAGGGC CTCTCAGTG CAGAAGGGGT GGCTGACTTA GTTCCAACG
 12001 TGTCGGTTT CGCTTGTGGC GGCACTGCGT GGGGGGCAGC ACTGCGTGC TCCGCTCCG
 12061 TGATGTCGCT TTCTGCCACA GCTTCCAAT ATTCCCGAGA AAAATACAGC CGTTCGGAAG
 12121 CCTACCGCCG CCGCCGTCAG GAGTGGGAAA TTCAGCGTGA TAATGCTGAC GGTGAAGTCA
 12181 AACAAATGGA TGCCCAGCTG GAAAGCCTGA AAATACGCGG CGAAGCAGCA CAGATGCAGG
 12241 TGGAAATATCA GGAGACCCAG CAGGCCATA CTCAGGCTCA GTTACAGGCTG TTACAGCGTA
 12301 AATTACACAA CAAAGCGCTT TACAGTTGGA TGCGCCGCAA GCTGAGTGC ATCTATTACC
 12361 AGTTCTTGA CCTGACCCAG TCCTTCTGCC TGATGCCACA GGAAGCGCTG CGCCGCGAGC
 12421 TGACCGACAA CGGTGTTACC TTATCCGGG GTGGGGCCTG GAACGGTAGC ACTGCGGGTT
 12481 TGATGGCGGG TGAAACGTTG CTGCTGAATC TGGCAGAAAT GAAAAAAGTC TGGCTGGAGC
 12541 GTGATGAGCG GGCACCTGGAA GTGACCCGTA CCGTCTCGTT GGCACAGTTC TATCAGGCT
 12601 TATCATCAGA CAACTTTAAT CTGACCGAA AACTCACGCA ATTCCCTGCGT GAAGGAAAG
 12661 GCAACGCTAGG AGCTTCCGGC AATGAATTAA AACTCAGTAA CCGCCAGATA GAAGCCTCAG
 12721 TGGCATTGTC TGATTGAAA ATTTCAGCG ATACCCCGGA AAGCTTGGC AATACCCGTC
 12781 AGTTGAAACA AGTGAGTGTG ACCTTGCCGG CGCTGGTTGG TCCGTATGAA GATATCCGGG
 12841 CGGTGCTGAA TTACGGCGGC AGCATCGTCA TGCCACGCGG TTGCACTGCT ATTGCTCTCT
 12901 CCCACGGCGT GAATGACAGT GGTCAATTAA TGCTGATT TGCACTGTT CAACGATTCC CGTTATCTGC
 12961 CGTTTGAAGG TATTTCGGT AATGACAGCG GTAGCTGAC GTTGAAGTTT CCGGATGCGA
 13021 CTGATCGACA GAAAGCGCTG CTGGAGAGCC TGAGCGATAT CATTCTGCA ATCCGCTATA
 13081 CCATTGTTT TTAATTAAAAA CATTGTGATA GGCAGGCTCC TGAGGGAGCC TGTTAAGGA
 13141 GTTTTATGC AGGGTTCAAC ACCTTTGAAA CTTGAAATAC CGTCATTGCC CTCTGGGGC
 13201 GGATCACTAA AAGGAATGGG AGAACGACTC AATGCCGTG GAGCGGAAGG GGAGCGTCAT
 13261 TTTCACTGCC CTTGCCGATC TCTGTCGGC TGTTCTGGT GCCGGTGCTA TCACTGAATT
 13321 ACAGCAGTAC TGCTGGCAAT GGGTCATTG GGATGGGTG GCAATGTGGG GTTGGTTITA
 13381 TCAGCCTGCG TACCGCCAAG GGCCTTCCGC ACTATACGGG ACAAGATGAG TATCTCGGGC
 13441 CGGATGGGGA AGTGTGAGT ATTGTGCCGG ACAGCCAAGG GCAACCAGAG CAACGCACCG
 13501 CAACTCACT GTTGGGGACG GTTCTGACAC AGCCGCTAC TGTTACCCG TATCAGTCCC
 13561 GCGTGGCAGA AAAATCGTT CGTTAGAAC ACTGGCAGCC ACAGCAGAGA CGTGAGGAAG
 13621 AGACGTCTT TTGGGTACTT TTACTGCGG ATGGTTTAGT GCACCTATTG GGTAAAGCATC
 13681 ATCATGCACG TATTGCTGAC CGCGCAGGATG AAACCAAGAT TGCCCGCTGG CTGATGGAGG
 13741 AAACCGTCAC GCATACCGGG GAAACATATT TGCTGACTA TGCGGAGAA GACGATCTTG
 13801 ACTGTGATGA GCATGAACCT GTCAGCATT CAGGTGTTAC GGGCCACCGT TATCCTGGCA
 13861 AGTCCACTAT GGCAATACG AGCCGGAAAC CGCTTTTTC GCGGTAAAAT CAGGTATCCC
 13921 TGTTGATAAT GACTGGTTGT TTCTGTTGGT ATTGATTAC GGTGAGCGCT TATCTCGCT
 13981 GAACTCCGTA CCCGAATTCA ATGTGTCAGA AAACAATGTG TCTGAAAACA ATGTGCTGA
 14041 AAAATGGCGT TGTGTCGGG ACAGTTCTC CCGCTATGAA TATGGTTTG AAATCGAAC
 14101 CCGTCGCTTG TGTCGCAAG TTCTGATGTT TCATCAGCTG AAAGCGCTGG CAGGGAAAAA
 14161 GTTGCAGAA GAAACACCGG CGCTGGTTTC CCGTCTTATT CTGGATTATG ACCTGAACAA
 14221 CAAGGTTTCC TTGCTGCAAA CGGCCCGCAG ACTGGCCCAT GAAACGGACG GTACGCCAGT
 14281 GATGATGTC CCGCTGGAA TGATTATCA ACGTGTTAAT CATGGCGTGA ATCTGAACCTG
 14341 CGCAGTCCATG CCGCAGTTAG AAAAATGAA CACGTGCGAC CCATACCAAT TGGTTGATT
 14401 ATATGGAAA GGAATTCCG CGTTACTTT ATCAGGATAC TCAGAAAGCC TGGTGGTAC
 14461 GTGCTCCGGT ACGGGATATC ACTGCCGAAG GAAACGATGC GTTACCTAT GAGGAGGCGA
 14521 AACCACTGCC ACATATTCCG GCACAAACAGG AAAGCGCGAT GTTGTGGAC ATCAATGGTG
 14581 ACGGGCGTCT GGATTGGGTG ATTACGGCAT CAGGGTTACG GGGCTACCAAC ACCATGTCAC
 14641 CGGAAGGTGA ATGGACACCC TTATTCGAT TATCCGCTGT GCAATGGAA TATTCCATC
 14701 CGCAGGCAA AACTGGCTGAT ATTGATGGGG CTGGCTGCC TGACTTAGCG CTTATCGGGC
 14761 CAAATAGTGT ACGTGTCTGG TCAAATAATC CGGCAGGATG GGATCGCGCT CAGGATGTTA
 14821 TTCACTTGTG AAATAAGCCA CTGCCGGTTC CCGGCAAAAAA TAAGCGTCAT CTTGTCGCT
 14881 TCAGTGATAT GACAGGCTCC GGGCAATCAC ATCTGTTGGA AGTACGGCA AATAGCGTGC
 14941 GCTACTGGCC GAAACCTGGGG CATGGAAAAT TTGGTGAGCC TCTGATGATA ACAGGCTTCC
 15001 AAAATTACGGG GAAACGTTA ACCCCCCACAG ACTGTATATG GTAGACCTAA ATGGCTCAGG

Fig.2.

15061	CACCAACCAGA	TTTTATTTAT	GCCCGCAATA	CTTACCTTGA	ACTCTATGCC	AATGAAAGCG
15121	GCAATCATT	TGCTGAACCT	CAGCGTATTG	ATCTGCCGGA	TGGGGTACGT	TTTGATGATA
15181	CTTGTGGTT	ACAAATAGCG	GATAACACAAG	GATTAGGGAC	TGCCAGCATT	ATTTGACGA
15241	TCCCCCATAT	GAAGGTGCAG	CACTGGCGAT	TGGATATGAC	CATATTCAAG	CCTTGGCTGC
15301	TGAATGCCGT	CAATAACAAT	ATGGGAACAG	AAACCACGCT	GTATTATCGC	AGCTCTGCC
15361	AGTTCTGGCT	GGATGAGAAA	TTACAGGCTT	CTGAATCCGG	GATGACGGTG	GTCAGCTACT
15421	TACCGTTCCC	GGTGCATGTG	TTGTGGCGCA	CGGAAGTGCT	GGATGAAATT	TCCGGTAACC
15481	GATTGACCAG	CCATTATCAT	TACTCACATG	GTGCCCTGGGA	TGGTCTGGAA	CGGGAGTTTC
15541	GTGGTTTGG	GCGGGTGACG	CAAACGTATA	TTGATTACAG	GGCGAGTGCG	ACACAGGGGA
15601	CACATGCTGA	ACCACCGGA	CCTTCGCGCA	CGGTTAATTG	GTACGGCACT	GGCGTACGGG
15661	AAGTCGATAT	TCTTCTGCC	ACGGAATATT	GGCAGGGGA	TCAACAGGCA	TTTCCCATT
15721	TTACCCCAAG	CTTTACCCGT	TATGACGAAA	AATCCGGTGG	TGATATGACG	GTCACGCCA
15781	GCGAACAGGA	AGAATACTGG	TTACATCGAG	CCTTAAAGG	AAACAGTTA	CGCAGTGAGC
15841	TGTATGGGG	TGATGATTCT	ATACTGGCCG	GTACGCCCTA	TTCACTGGAT	GAATCCGCA
15901	CCCAAGTAGC	TTTGTACCG	GTGATGGTAT	CGGACGTGCC	TGCGGTACTG	GTTCGGTGG
15961	CCGAATCCCG	CCAATACGA	TATGAAGGGG	TTGTTACCGA	TTCCACAGTG	CAGCCAAAAG
16021	ATTGTCTTA	AATATGATGC	GTAGGATT	CCGCAGGACA	ATCTTGAGAT	TGCCTATTG
16081	AGACGTCCAC	AGCCTGAGTT	CTCGCCTTAT	CCGGATACCC	TGCCCAGAAC	ACTTTTCACC
16141	AGCAGTTTCG	ACGAACAGCA	GATGTTCCCT	CGTCTGACAC	GCCAGCGTT	TTCTTATCAC
16201	CATCTGAATC	ATGATGATAA	TACGTGGATC	ACAGGGCTTA	TGGATACCTC	ACGAGTGCAC
16261	GCACGTATT	ATCAAGCCGA	TAAGTGCCG	GACGGTGGAT	TTTCCCTTGA	ATGGTTTCT
16321	GCCACAGGTG	CAGGAGCATT	TTTGTGCGT	GATGCCGAG	CCGATTATCT	GGGACATCAG
16381	CGTGTAGCAT	ATACCGGTCC	AGAAGAGCAA	CCCGCTTATTC	CTCCGCTGGT	GGCATACATT
16441	GAAACCGCAG	AGTTTGATGA	ACGATCGTTG	CGGGCTTTTG	AGGAGGTGAT	GGATGAGCAG
16501	GAGCTGACAA	AACAGCTGA	TGATGCGGGC	TGGAATACGG	CAAAGTGCC	GTTCAGTGAA
16561	AAGACAGATT	TCCATGTCTG	GGTGGGACAA	AAGGAATTAA	CAGAATATGC	CGGTGCAGAC
16621	GGATTCTATC	GGCCATTGGT	GCAACGGGA	ACCAAGCTTA	CAGGTAAAC	GACAGTGACG
16681	TGGGATAGCC	ATTACTGTGT	TATCACCGCA	ACAGAGGATG	CGGCTGGCCT	GCGTATGCAA
16741	GCGCATTACG	ATTATCGATT	TATGGTTGCG	GATAACACCA	CAGATATCAA	TGATAACTAT
16801	CACACCGTGA	CGTTGATGC	ACTGGGGACG	GTAAACAGCT	TCCGTTCTG	GGGACTGTGAA
16861	AACGGTAAA	AAACAGGATA	TACCCCTGCG	AAAAATGAAA	CTGTCCCCCT	TATTGTCCCC
16921	ACAACGGTGG	ATGATGCTCT	GGCATTGAAA	CCCGGCATAC	CTGTTGCAGG	GCTGATGGTT
16981	TATGCCCTC	TGAGCTGGAT	GGTCAGGCC	AGTTTTCTA	ATGATGGGA	GCTTTATGGA
17041	GAGCTGAAAC	CGGCTGGGAT	CATCACTGAA	GATGGTTATC	TCCTGTGCGT	TGCTTTTCGC
17101	CGCTGGCATC	AAAATAACCC	TGCCCCCTGCC	ATGCCAAAGC	AAGTCATTC	ACAGAACCCA
17161	CCCCATGTC	TGAGTGTGAT	CACCGACCGC	TATGATGCCG	ATCCGGAAACA	ACAATTACGT
17221	CAAACGTTA	CGTTTAGTGA	TGGTTTGGG	CGAAACCTTA	CAAACAGCCG	TACGCCATGA
17281	AAGTGGTAA	GCCTGGGTAC	CTGATGAGTA	TGGAGCCAAT	GTGGCTGAAA	ATCAAGGCAC
17341	CCCTGAAACG	GGCGATTACA	AATTCCCGT	TGGGCAATT	CCCGGACGTA	CAGAATATTA
17401	ACGGGAAAAG	GCAAAGCCCC	TGCGTTACGT	TTCAAACCGT	ATTCCCTGAAA	TAATTGGGC
17461	AACTATGTCA	AGTTGACCAA	AAAATGCCG	GCAGGATATG	TATGCCGATA	CCCATTA
17521	TGATCCGTT	GGGCGTGAAT	ATCAGGTTAT	CACGCCAAAG	GCGGGTTGCG	TCGATCCCTA
17581	TTCACTCCCT	GGTTTGTGGT	GAATGAAGTT	AAAATGACA	CTCCCGGTGA	ATGACAGCAT
17641	AAAGCTCAGT	GATGCTGT	CACTGAACAG	ACATCACTCC	ATTAGGAAT	GAATCATGAA
17701	GAATTTCGTT	CACAGCAATA	CGCCATCCGT	CACCGTACTG	GACAACCGTG	GTCAGACAGT
17761	ACCGGAAATA	GCCTGGTATC	GGCACCCCGA	TACACCTCAG	GTAACCGATG	AACGCATCAC
17821	CGGTTATCAA	TATGATGCTC	AAGGATCTCT	GACTCAGAGT	ATTGATCCGC	GATTTTATGA
17881	ACGCCAGCAG	ACAGCGAGTG	ACAAGAACGC	CATTACACCC	AATCTTATTC	TCTTGTATC
17941	ACTCAGTAAG	AAGGCATTGC	GTACGCAAAG	TGTGGATGCC	GGAAACCGTG	TCGCCCTGCA
18001	TGATTTGCGC	GGGCGTCCCC	TTTTAGCTGT	CAGGCCAAT	GGCGTTAGCC	GAACGTTTCA
18061	GTATGAAAGT	GATAACCTTC	CGGGACGATT	GCTAACGATT	ACCGAGCAGG	TAAAAGGAGA
18121	GAACGCCTGT	ATCACGGAGC	GATTGATT	GTCAGGAAAT	ACGCCGGCAG	AAAAAGGCAA
18181	TAATTTGGCC	GGCCAGTGC	TGGTCCATT	TGATCCCACC	GGAAATGAATC	AAACCAACAG
18241	CATATTGTTA	ACCAGCATA	CCTTGTCCAT	CACACAGCAA	TTAGTGAAG	ATGACAGCGA
18301	AGCCGATTGG	CACGGTATGG	ATGAATTGG	CTGGAAAAAAC	GCGCTGGCGC	CGGAAAGCTT
18361	CACTTCTGTC	AGCACAACGG	ATGCTACCGG	CACGGTATT	ACGAGTACAG	ATGCTGCCGG
18421	AAACAAGCAA	CGTATGCC	ATGATGTGCG	CGGCTGCGT	CAAGGCAGTT	GGTGGCGCT
18481	GAAGGGAAA	CAAGACAAG	TTATCGTGA	ATCCCTGACC	TATTCGGCTG	CCAGCCAGAA
18541	GCTACGGGAG	GAACATGGTA	ACGGGATAGT	GACTACATAT	ACCTATGAAC	CCGAGACGCA
18601	ACGAGTTATT	GGCATAAAAAA	CAGAACGTCC	TTCCGGTCAT	GCCGCTGGGG	AGAAAATTTT
18661	ACAAAACCTG	CGTTATGAAT	ATGATCCTGT	CGGAAATGTG	CTGAAATCAA	CTAATGATGC
18721	TGAAATTAC	CGCTTTGGC	GCAACCAGAA	AATTGTACCG	AAAAATACCT	ACACCTATGA
18781	CAGCCTGTAC	CAGCTGGTTT	CCGTCACTGG	GCGTGAAATG	GCGAATATTG	GCCGACAAAAA
18841	AAACCAAGTTA	CCCATCCCCG	CTCTGATTGA	TAACAATACT	TATAGAATT	ACTCTCGCAC

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Fig. 2.

18901 TTACGACTAT GATCGTGGGG GAATCTGACC AGAACATGCAT AATTCA CGCAT CACCGGTAAT
 18961 AACTATACAA CGAACATGAC CGTTTCAGAT CACAGCAACC GGGCTGTACT GGAAGAGCTG
 19021 GCGCAAGATC CCACTCAGGT GGATATGTTG TTCACCCCG GCGGGCATCA GACCCGGCTT
 19081 GTTCCCAGTC AGGATCTTT CTGGACACCC CGTGACGAAT TGCAACAAGT GATATTGGTC
 19141 AATAGGGAAA ATACGACGCC TGATCAGGAA TTCTACCGTT ATGATGCAGA CAGTCAGCGT
 19201 GTCATTAAGA CTCATATTCA AAAGACAGGG AACAGTGAGC AAATACAGCG AACATTATAT
 19261 TTGCCAGAGC TGGAAATGGCG CACGACATAT AGCGGCAATA CATTAAAAGA GTTTTGCAG
 19321 GTCATCACTG TCGGTGAAGC GGGTCAGGCC CAAGTGCAGG TGCTGCATTG GGAAACAGGC
 19381 AAACCGGCGG ATATCAGCAA TGATCAGCTG CGCTACAGTT ATGGCAACCT GATTGGCAGT
 19441 AGCGGGCTGG ATTGGGACA GTGACGGGCA GATCATTAGT CAGGAAGAA ATTACCCCTA
 19501 TGGGGGAACC GCCGTGTGGG CACCCGAAAT CAGTCAGAAG CTGATTACAC AAGCCGGCGT
 19561 TATTCTGGCA AAGAGCGGGG TGCAACAGGG TTGTATTACT ACGGCTATCG TTATTATCAA
 19621 TCGTGGACAG GCGCATGGTT GAGTGTAGAT CCTGCGGTG AGGCCGATGG TCTCAATTIG
 19681 TCCGAATGTC GCAGGAATAA CCCCATCGTT TTCTCGATT CTGATGGTCG TTTCCCGGT
 19741 CAGGGTGTTC TTGCTGGAT AGGGAAAAAA GCGTATCGAA AGGCAGTCAA CATCACGACA
 19801 GAACACCTGC TTGAAACAAGG CGCTTCCTT GATAGCTCT TGAAATTAAA CCGAGGATTG
 19861 CGAACGTTTG TTTTGGGTGT GGGGGTACAA GTCTGGGGT GAAGCGGCCA CGATTGCAGG
 19921 AGCGTCGCCT TGGGGGATCG TCAGGGGCTGC CATTGGTGGT TTTGTCTCCG GGGCGGTGAT
 19981 GGGGTTTTTC GCGAACAAACA TCTCAGAAAA AATTGGGAA GTTTTAAGTT ATCTGACGCG
 20041 TAAACGTTCT GCTCTGTTC AGGTAGGCGC TTTTGTGTC ACATCGCTTG TGACGCTGTC
 20101 ACTATTTAAC AGCTCTTCGA CAGGTACCGC CATTTCGCA GCAACAGCGG TCACCGTTGG
 20161 AGGATTAATG GCTTGTAGCC GAGAACATAA CACGGGCATG GCTATCAGTA TTGCCCCACCC
 20221 CGCCGGACAA AGTACGCTGG ATACGCTCG GCGCGGTAAT GTCAGCGCG CAGAGCGGT
 20281 AGGGCACTAT CAGGGCAAT TATTGGCGGC ATATTACTTG GCGGCCATCA GGGAAATTCT
 20341 GAGCTGGGTG AACGGGCAGC GATTGGTGC ATGTATGGT CTCGATGGGG AAGGATCATT
 20401 GGTAACTAT GGGATGGCCC TTATCGGTT ATCGGCAGGT TACTGCTCAG AAGAGGCATT
 20461 AGCTCTGCCA TTTCCACGC TGTCAGTTCC AGGAGCTGGT TTGGCCGAAT GATAGGAGAA
 20521 AGTGTGGGA GAAATATTC TGAAGTATTA TTACCTTATA GCGTACACC CGGTGAATGG
 20581 GTGGTGCAG CCATTGGCGG GACAGCGCG GCGCTCATC ATGCCGTTGG AGGGGAAGGTT
 20641 GCCAATGCCG CTAGCGGGT TACCTGGAGC GGCTTAAGC GGGCTTTAA TAACTCTTC
 20701 TTAAACGCCG CTGCACTCA TAATGAATCC GAAAGCATAAC ATCATGTTT ATTCCCACTT
 20761 TGTCACTGGAT GACAAGGTGG GTTTTCGGG TGTGTGGACA GAGACCGTA CAGGGCTCT
 20821 GTCAGTTAA TTTTGGATC AAGAACGAA GTGTAAACGG ATATGCAAA TGATATCGCT
 20881 CAGGCTGAGC AATAAGCTTT TCTGTTTAC ACTGATACCG GAAAAGCTGA GGGTTAATGTT
 20941 GCTGTATCG GCCACAGGAA GCCCTCAAA TGGCAGGTAC TTAGCATCAT TGAAATCCAT
 21001 CTGGAATTGA CCACTGTCA TCATGCCATG TGAGATCACA ATCGCTTGC AGCCACGTGG
 21061 CATCATTGTA CTGCGCCAT AACTCAGT TGCCCCGACA TCCTGATAAG GCCCTAAAAG
 21121 GGCAGGTAAC GTCACACTGA TTGTTTGTG ACGGCGTGTAA TTACCTAAAC CGTCAGGATA
 21181 ATCGGTAGCA ATATTCAAGT CCGATAATTG GAGGCTGGT TGCAGTTGT TCCCTTCGAC
 21241 GTTCAAAACCG TTAAGCGTTG TGCTCTGCACCT GCCTTCACCT GCATTGACTA ACTCAGTCAC
 21301 TTATCTTTT AAAATGAAAC TATTCTCTG CAGACAGCA TACACTTCAG CCAGAGAAAC
 21361 GGTCTGGTG ACCTCCAGTG CCGTTCATC TTTTCCAAA TAGCTTTTT CCATCTGTGC
 21421 TAAATTCAAG ATCAGGGTTT CACCCGCTAA TAAACCGCA TAAGTCCCAT GCCAAGCACC
 21481 TGGTTTAATA AAGTGTGCTG CCGCATTATT CAATTCTAC TGATAAGTT GCTCTGCCAT
 21541 TAAACAGAGT GAGACGCCA ATCATAAAA CTGATAATAA ATAGCGGACA ACGTTCCACG
 21601 GAGCCAGTTG TATAGCGCTG CATTACTGAA TTACTCTTG AGAAAGGCTA ACTGCGCTG
 21661 AGTTTGTCGC TGCTGAGTTT CCAGATAGTT TTTTGTAAAT ACTGCCGCTT CACGACGTC
 21721 AGCCAGCGTC GCTAATTGAG CATCAATTG TTTTATCTCA GCTTCCGCA TATTGCGCTG
 21781 AATTCCAC TCTTCCGAC GGCAGCGGT AATTCTGAT TGCTGTGATT TGTCTCGGGC
 21841 AATACGTTG GCTGACGCG AAATTCTGAT ACCAATCGCA CTGGCATTGA AAAGCGCCCC
 21901 AAAACGGGAA CCTCCACAG CAAACCGTA AATATTGGGG ACGAGATCTG CGCGGGCGGC
 21961 GCCATATGC AGGGCTGTGC CGCTGGTGCT CAAGACCGAT GAAGAGAGGT AAAGATCCAT
 22021 CGCTGTGTTT TCACCACTCG TAACATCTTC GTCGTACAGC GTATTGAAAC TGTAAAACG
 22081 AGACTGTGCA CCATGACGGC TTCTTGAAG CGCCAATTAA TCAGCATCAA TTTCAGCCAT
 22141 GACCTTATCC TGCATTAA TACTTGTGAG GGCTAACTCA CTGCTTGAG TTTGCACTAT
 22201 TTCACTGCA GCTCTGCA CTCGCGTT AGTAATGCTG AGCAGGGTAT TGCCAAATTG
 22261 TATCAACTGG CTTACCCCG ACTTGGCATT TTCCAGAATC ACCGGAAAAC GGTACATCGG
 22321 CATCACTGCA TGAGGTTAAAT CGCCGCCGGC TTGTAAGCA GTGATGGCAG CACTGAGTAA
 22381 CATGGACGGA TCTGCGGGCG TGGCATAGAG AGATAATGAC AGTGGCTGAC CGTCGATTG
 22441 CAGGTTATGG CGTAAGTTAT AGAGGCGTTG CGTCAATGTC TGCCAGTAAC CTTGCACTTT
 22501 TTATTAATT TGAGGGAGGA ACAATGCGGT TAACGAAATT TGCCGTACGT TCGTGGGT
 22561 ATGCAGCGCG CTGACGCACT TGACGCAATT TATGTTGATA ATGATGCCG ATTGTTGGC
 22621 TGGCAGCTTC TTCCAGCCGT GGCTCTGACC AATCGTTATC CAATGAAAAA TAAGGCTCAT
 22681 CACCAATAA AGTGAACGCC TGTACATACC ACATTAGC TTGTTTAAG GTATCACGTT

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Fig.2.

22741 CAAGCTGGCG ATAGGCCTA TCTCCGCGGG TAATCAACAA ATCCAGCATT TTCATAAAGG
 22801 TAGCCACTTT ATAGTGCATC GGATCATGCT GGGCAACGGC GTCCGGATCG ACCGAATCCA
 22861 GCGGATTGGC ATTCCAGGAC GTATCTTCCT CCAATGGCG GACGTTCCAG TAATAATCCT
 22921 GCATTTCACCT CGAACCGAA TATCCGGTCG GGTCAGATA TAGCGCAGCC AGCGTGTGCA
 22981 TCCGGTAAAAA TCTGCTCTTG CAAATAAGCGC TGGAAATACCA TCATGGGCGT TGTAATAGAA
 23041 CAATCCAAAG AAATAGATTG CATTGGCGCC GTTTGAAATC CATGGGTTCA GTGTTATTTT
 23101 TCATGACACG ACTTGAATAC CCTTTTATA TTTTTGATA TTTTTTACTA TCCCCCTGTTG
 23161 TGTCACTTCCC GAATCATGAT CGGCATCATT AGTGAATATA AATTGATTTT TCGTCTCATC
 23221 AAAATAAAAG AAAGCAGATT CCCAGGATTG GTCATAGATA ATTTTTTGT ACCCAAACCC
 23281 TAATCTGACA CCTTCACGTA TGTAAATATCC TTTAGCATAG GGAACAAAGA GCGTIACTGT
 23341 GGTTCATAA TCAGATAACA TTCCCTCGTA ATAAGGTTGT CTGGCAGAAT TGCCATCAAT
 23401 ATTCCAAATA TGGATCTTAA ACCAACGTTC ATCACCATGC TCCTCTTTAT TGTAGGGGGG
 23461 CAACTTAAAT GTCGCATAAA ACCCTTCACC TAATTGCGGC TCTGGTAAAT TTTGCGTTTC
 23521 CATACTTAAA ACATTATCAA TACCAATATT GGCTCTTCA GCTAATTTTC TGGAAAATAA
 23581 AGTATTTAAC CGGGTCTGT AAGGGCCAAT CTGCATATAT TGTGTGCGCTG ATGGCATTTT
 23641 ATCGAGTGTATAACAGTTAC TTGTAATCTTT GGATTTTAGT TTATATGAA TTGGCGATTC
 23701 AATAACAATA TCGTTAAAC CGCGCTGGGG TTGCTTAATA AAAAAACTCGC TCACCAAGGG
 23761 AATATCATAG CCTTCATAAT CAACTTTTAC TTGATTAAA TCATATACCA TAGGGTCAGA
 23821 TTCGTGTGAA GGTTAGATG CCACATGGTC TTCAGCATT AACTCCACTA GAATATCAGA
 23881 GCCATTTTTT AATAAAAAAC TAATGTTTTT ATCTTGGATC TGTTGATCA TAGATGAAGC
 23941 AAGTTTATT ATCTGTGGCT GGTTGAACAT AAATACACCC ATGGATCCTC GCGAAGGAAC
 24001 AGTGCCTCAA TATTTCCCAT GTTATTAATG ATTGAAACAT CATTAGTAA TGATTACAT
 24061 ATAGTATGCC ATACTCCTGT GTTATCTTTT CAATCTAATA CTATGTTAGT ATCAAGTTG
 24121 AATTCAAGCAT CATCTGATTCA ATAATCATAA TTATACCAA CTCCAATTT TGATTTCTA
 24181 GGAATTTTT CCTTGGTTCT TAGATGCATT AACACTCAA AATATTGGC ATTTTTAAGA
 24241 TCGATGGAAA TAATTAATTC CAAAGTTCCA TAATGAAAAA CTTCTTCTTC TTTTCAAGC
 24301 ATTTCATCAT GTCTATCATA ATCAAATAAA ATAACCGTTT CATCTTCTAC CATCGATAAC
 24361 AGGTATTTAA CCTCATCATT ATATATATTG CCTTTGAAA ATTAATTTC CATTGAAGGA
 24421 TTGAACGTTA AATTAATATG ACCATTTCCG GGTGATATAT ACGAGAGATC AAAAAATATT
 24481 CCCGTAAAC TGGCTAATT ATTTTTTGTG GTTATAGATT CCTTATATTG GGCCAAATAA
 24541 TCTGTAGCAA ATTGATTGTT GACTTTGTAT TCTGTCTGG TATCAAGTTC TGATAATGTG
 24601 CTCTTAACAA TGGCGTCTAA ATCATTTTCT GTGAGAATGG ATAATGTCA ATCAGGGTTA
 24661 ATGGTCATCC CTTCTCTTGC AGGAAGACTA TTAAAAGAAT AATTGCTTT TTTCTCATGG
 24721 AAATAAACAA TAATGACGT TTTTCATCAA TCAGAAGAAC ATACATACCA AATGCTGGCT
 24781 TTTTATTGTA TCAGGTTTTC TATTATCATA GTCACATTAA ATAAACAGG TGAGCTCCAG
 24841 CTGCCATCAT AACGAATATG TGACAGTTT AATATATAAT CAGTGATATC TATCTTGC
 24901 TCTTCACTTT CATTTTTCAG CTCTTTTTGT TCCAGCCACA GTAAATACAA ACGAGACTTG
 24961 TAAATAACAG GTCTGATATT TTCTCTGCAT ACATTGATGG GTATTTCAAT TTTTTCCAT
 25021 TCTCCCCAGG CATTGGCAGC AAATTGACCG TGCTGGCACT TTTGGTGATC GACATTGCGC
 25081 CAATAATATA TTCTGGGTT TGTCTGGCTA TAACCAATTAA ATAAGTGAG CCCCTCATTG
 25141 ACATTAATAC TGTCTATGATA TCCGCTAATC ACCTGCAAGT TAGCGACATC TTCAAATGCG
 25201 GTCAGATAAT TTTTAAAGCT ATCTTCAACG GTATCGATAT TTAACTGACT TTGGGAAAGT
 25261 TGCTGTAACA GGTGTTCTCAT CATACTGTC TGACCAATAC GAATCGTGGG GTCGATATAG
 25321 TTTTCCGGAT AATAGGCCAG TTCAAGATACCG CGGGCCAGG TGCTTACCCG TCGATITGAG
 25381 GTTCTCCAGT CGCAGAAGAA CTGACGGGTT TTCACTGGCT TTGATACATT TCTTCAACA
 25441 TTATTCAACG CCCGGTTGAC ATATAATGTA ATGCTGGCAA TGGCTTCTGC CACACGGGTG
 25501 GTTTCACTT GGGCAGAAAC TTGGTTATCA ATCAGCAGAT AGCTGTACAA CTCATCCGG
 25561 CTCTTAATCT GTTGAGGTGC ACCATTTTG ATGTAGTAAG CACTGGCCCG TGTCGTCGTG
 25621 GCTTCATCCA GCCATGCCCTG AAGCTGGTCG GATTGGTGAC TGTTCACTCC CGCCTGCAAC
 25681 AAAGTACTGG CGGCTTGCCA ATCATCAAAT GTTGGCATCG GGGTTCCGG TTCACCGACA
 25741 TATTTTAATT TTATGAGTGC AGCAACACCA TCCGGGGTAA TACCCAATGT AGCAGCGACA
 25801 TCCAGCCATT GCAGAGTGC ATCTATAAGT TCTCCAGTTG GTAAAGGTAT TCACTCCCAA
 25861 ACCGGTCTGT TGCAATGCTT GTGTCAACAC CTGAGCATCA AAATTTAAC GCCACCGCCA
 25921 AATTGTTCGG CAGTCACGC TCCTAAGTC CAAATGCTGT TAAGATTCTG TCGCTAGCT
 25981 TCACAAACGCA TGATCACAGC ATGGAAGCGG GTCAAGCGTT GCAAAGTGGG GAGATCATG
 26041 TGCAGTGTG TGTTTCTGA TTGGAATTTC TCCGGTTTG TCACCAACAG GGTCAITCG
 26101 TTTTCGCTGA GTCCAATATT GCGCACAATC AGAGAAAGTT GCCCCAGTAC CTGACAAAAA
 26161 GCAACCATGT TGCTGGTTT ATTCTCTGAG CGATCACGGT TAGCGCAAT AATCATGAAA
 26221 TCATCGAATG TCAGTCTTGT TGGTTTATC TGATTAATCC ACAGCAAAT AGTTTCTGCT
 26281 GTTTGGCTG AATCCATTG ATGCTGGCA GCAATCAGCG GGGCAGCTGC ACGGATCAGT
 26341 TCGTCATCAC CGAGTGAAG TGTTGATAAT CCATTACTTA GTGTCGTGAT AAGGTTTCA
 26401 ATATCCGGCG TAAGGACAGT GCTGTAATT TCCGTTGGTCA TCAGAAACAC ATCACTGACA
 26461 GACCATTCT GTGTTGTCAG CCACTGGGTG CATTGGAACCA GAAAGCTGAT TAATTGCGTT
 26521 AATGCTGTAT CAGAAAAAAAG GGCAATTTC GTGTTCACAT AGGGAGAAAC CGACAAACAC

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Fig. 2.

26581	ATGGATAATT	CATTCACTGT	CAGATGATGA	ATGTCAGCCA	GCAGACGAAC	GCGATAAAGC
26641	AGAGACAGGT	TCTCGATGGA	ACACATAAT	TCTGGATTG	TCAGGCCATT	AGCAGTTTC
26701	CATAATGTAT	ACAGTTCAGT	ATCATTCAGT	CTGAAAGCAC	GTTTCATTAT	TCCCAAATAA
26761	AAATGGTTT	TTGATTCACC	GGGGGTTAAA	TCCAGTTGG	TATTATCAGC	AGAAAACCTCT
26821	TGGCCATTTA	ATAGCGGTGT	ATTGAACAGC	ATTGTAAAAT	GACTGGTTG	TTGTTTAGTG
26881	GAATATTGGC	TGATATCTGA	ATGACACAAT	ACCAGCGCAT	CGCTGACGCT	AATATTATAG
26941	TGCTGCATAT	AATATTGAAC	ATAAAACAGC	TTACCCAACA	CATTGCTGTC	AATGGTTAAG
27001	TCATCATAAA	TACTTCTAT	TACTTGCCAG	ATATCTCTG	GAGATATGCC	TGTGGCTTA
27061	TACAAACGAA	TCGCTTATT	CAGCTTAAC	AGGAATATAT	CACCGGAAAC	TCCATCATTT
27121	TAAAGTGTGC	ATTGGCATTG	ATAGCATCCG	ACGGATTG	TTAACTCGCC	ATAAGCGGAG
27181	TGTTATACCG	TTGGTGTATT	GCTCTGTCTG	CAATTAAATG	GGAATACTGT	AATGGGTATT
27241	AGCAATGGGG	ACGAAATTIT	TATCTTGGTA	TATATTCT	TTATCTCCAT	TCTGGAGACG
27301	AAAATCCAAG	TGGTCAGGTT	CTGTTTTTTT	TACACTGAAA	TTATATTGTT	ATTCAATTTC
27361	TTTGATTGGA	ATTAGCTCTG	CATAGTTAA	ATGTAATCG	TAGAAATCTT	TGCGGTTCG
27421	CTTAAATCAAT	CTTGGCGTTG	CCGTATCATT	CCCCTCATTTG	ACCAATGTTA	TCAGTGTCTC
27481	ATTCTTATAC	TGTTGATTG	TATTTTCTT	ACCGAAGGAG	AGATTGACAA	ATAAACTGAG
27541	TTCATCATAA	GACAAATCGT	AGTAGCGAGC	CAAAGAAGCA	TAACCTTAA	AAATCAGTAC
27601	ATCATCTGTA	CCGAAATT	TCTTCATCAG	TTCTGTTGAA	TTTCCGGTG	TAATTCTTC
27661	TACAAGGATT	TGATACAATT	CAGGCATAT	ATCAGTCTTA	ATAGCCAGTA	GCGATGTTGG
27721	GTCCTTAAT	TCCGCTACGT	CTGTATTACG	GCTAAATGCG	GTGAGGTTT	TATCTTGCAA
27781	TAAAATTGCC	TGACGGGCTG	ACTCATACGG	CAGATGATAG	GGTGTCACTGC	CGGTTTGCCG
27841	GTAAGTGGAC	AACATTTICA	TTACACCGTT	ATAGTCAGT	TTCTCTAAACG	TCTGAATTATT
27901	ATGCAGCAGT	AATTCTATTAG	ATTAAGGATAA	TGTGAAATT	TCTCTCATCCA	TATTATTCTG
27961	TGTCAGTGC	AGTGAAGCAA	TGTGGGGGAA	TCGTTTATTG	AGGTGATATT	GAGAAATTGTC
28021	AGGATGAAAA	TCTTCTGCTT	CCCGATATAA	TTCTGTTAAA	TAAGCCGCTG	GTGAAATAT
28081	GGAAGCAATT	GATCCCGGTT	TTACAAAACG	GTGGCGCGG	CCATAAAACC	AACTGTTGTA
28141	ACTATTGTTT	AGGGTTGACG	GTGTAATATT	AAGGTTAGTG	ATATTAGCCA	GTTGTTGATT
28201	AGCACGGGAC	AAAATGCGCA	GTTCCTCAAG	TTTATTCTGT	TTTGATTCT	GATGAGCCTG
28261	TTGATATAAA	AAGTCTGTTT	CTCGCCACGT	CAGAGTTCCA	CTTGTCCAT	GACGAAATTG
28321	GCTGAAAGAC	ATAAACGAAA	TGTTTGTCAA	TAATAAAGTA	TCACCAGCCT	TTTTCTATT
28381	ATCTTATCTA	ACAGTCATT	AACTTTTATC	ATATAAATCC	TTAAGTTATT	GTCATTTAA
28441	TGATTAATGG	TTTTTAGGTG	GAGATTATTA	TAATCTGATA	GGAATATTAT	GGTAATTAA
28501	ATTGATACTG	ATTATTCGCT	CTATTCTTC	AATAAAAT	AAAGAACCTC	CCTATAATAC
28561	ATGGATTAA	ATAATGAATA	CCGTATGTTA	AAATAAAT	TTTAACAAAC	TTTCATGAAA
28621	AAATTCAACT	CAACATTGT	TAAATATTG	TTAATTGTTG	TTGTGCTGTT	TGAAAATG
28681	ATGACTAATA	TTTATCTATG	AAAGATTATT	TATTGAGGAT	GTCTGCTTG	GTTTCAGGGG
28741	GCTACGTTGG	AGTCAGATAA	ATGTGTGCAA	AAAGAAATCC	TTAATAAAGT	TGCGTAATT
28801	CAAAGTTGG	TATATCGTA	CAAGAGTGT	AGTAATGTCA	CATAATTAT	TGAATACCCG
28861	AACCTCGCAA	ATGCGGGTT	TTTCTCGCA	TAATCAAAGA	GAAAGCTATG	AAAAAAACAC
28921	TGATTACTCT	TATTCTCAGT	ACCCCTTCTT	TTGGTGTCTT	GGCACAGCAG	GGTGGCTTCG
28981	TTTCCCCGGA	CAGCACAGAC	TATACTCAGG	GTGGATTAA	AGGTCCAAC	CCCAACCTGA
29041	CCAGCGTTGC	TCAAGCAAAA	TCTTTCTGTG	ATGATCGCTG	GGTTGTTCTG	GAAGGAAACA
29101	TTGTTAAACA	GGTTGGTCAC	GAACCTATG	AATTCGCGGC	CGCATAATAC	GACTCACTAT
29161	AGGGATCGCT	TATTACGGAC	TTATCGGAA	AGCTATCTGG	AACCCCTGTT	ACGCCGTAAT
29221	AAAACAGAAAT	TCAGGGATAA	CAGTGGTTCT	GTITATGTTG	ACATTGATGA	TAAGCGCTGG
29281	ATGGGTCTGA	CGGCCACTCC	AACTGACAAA	GTTCGTATCG	AAGGTGAAGT	GGACAAAGAC
29341	TGGAACAGTG	TTGAAATTGA	TGTCAAAACT	ATCCGCATAG	TGAAATAACT	CAAGCACTTT
29401	GAATATAGCC	CCGCACTCGC	GGGGTTTTT	GCTTCTGGG	AGTCGGAAGT	TAAACCGTAG
29461	TGACGAGGAT	CAAAACTAAG	TTAACGGCAG	TGGTCACTGA	TTTGGTGCAT	AAGTTATCAA
29521	AAGTTAAAAA	TCAAACCTTA	TTTTTTATT	AATAGAGGAA	TGTCACCCCTG	TAGGTGAATA
29581	ACGTTGACGG	ATGTAATAT	ACAGTATTAT	AGTCCTTGT	TATGTTATT	AATTGAAAAA
29641	CCTTTAAACT	ATATTGGGG	GAAATTATTA	TGTCAGATGT	TCGTAATATT	ATTAATGTTG
29701	ATAACAATT	TGGTTGTGA	TATAAAGCGG	ATTATTATTA	ATAAGTTTT	ATAATTGTA
29761	TACACCCATT	TTTCTCATCC	CCGGTTTTG	CTGTTGTAAG	GAAGCGGTT	CCATGAAGAT
29821	TTTGACATGG	TTAACGAACT	GCCACATAAA	TTGGCAGCAG	TGGTTTCTG	TCACGGTTTC
29881	ATGCAAGGAT	TGCCATAGAC	GTTCAAATT	ATTCAACCAC	GGGCAATAGG	TCGGTAAAAA
29941	GAGAAGAGTA	AATTGGGAT	TCTTGTCCAG	CCAAACCTG	ACCTTCCGGC	TCTTATGAAT
30001	GCAATAGTTA	TCTAAAATT	ACGTGATGGT	TTTGGCATT	ACATATTGAT	TGTTAATTTC
30061	ATCTAACAAAT	TTGATAAAATA	AATCTGAGTT	CTTTCTCAAG	CTACCGACAT	AAGTGAATTTC
30121	TTTCGTTTTC	GCCTGAGG	AATTGGCAAG	GTAGTGTGTT	TGGTTCTTTC	CGGGGGTAAC
30181	AACACGCTTT	TGTTGCCCTT	TGAAGCACCA	GTCTGCACCG	ATTTTCGGGT	TCAGGTTGAT
30241	GTCCACCTCA	TCCTCATAGA	AGACCGGGGTG	TTTCTCTG	GGCATTGGAT	AACGTCCTCGC
30301	TGATTTTGC	CATTTTTCA	TCATACTCAG	GGTCAGGCAA	TTTACGGTT	GGTGCCTGCC
30361	TTGCCAAAC	GATGCCGTC	CGGCAAAAGT	AGCGATAGAG	GGTACTTTGA	GAGAGCGATG

Fig. 2.

30421 TATTCAGTAG CTCATTGATT TTAAGTGTAA TAAGCTCAAG GCTCCATCGT GAACGGAGAT
 30481 AGCCAAAATG TTGTGGCAG TGCTGTAATA AGAAAGAAAT GACTGTGAAG AGCGGAGCTA
 30541 AGTTCCAGAT GGCAGGCCCT CCCGCCGGGA GGCTTTAAG TCCTTCCAAC CCGTATAATG
 30601 TTAACCAATT TACCCAACGA TGAACGGAAG AACGTGAACA GTGAAGCGTT CTGGAAACGT
 30661 GAGAAACCGT ACTCCCTCA TGAAACATCA AGAGCGCGT GAAGCGACGT GCATAGTCCT
 30721 TATCCCAGGT TTCTGGATA GCTTTTTC TCGGACGTCG TTCAATTCCG GGTATTGATG
 30781 TTATGATTGG CATGACTCAG TCCATTGG GATTITTTT GATTITGGCGA TTAATCAGAT
 30841 CGCGAAAATC GGACTGAGTT CCCTTCAGT GATCTACTAT TTGAAATCT TATTAATCA
 30901 GGAGTCAGCA AATGAGTTAT TCCCCATAAT ACCTGACCAT GTGGTTGTT ATCCGGAAA
 30961 TGATTCATCT ACCGGTGGTA TGTGGATTCC TTGGTGCAT AGTCAGAAAG ATATTGACTC
 31021 TG GCCATTAT ATCAAAGTTA CTTCAGTAA AAAGGACGCT GCTGATATTG TGAACATACAT
 31081 GTTCAACAT GGCAGTTATG TTATTTAC AGACAGTAGT AAACAATTAA GCAATAAGCA
 31141 AATTATGTCT GGTGATTTCAG CTAAAGGCAA AGGGGATTAT AAGCTTGAAA TAAACACAA
 31201 CGGGAACCTT CCACTGATGG TATTGAAATAA ATATTGATTC ATTATTATTT ATGGATAAGA
 31261 AATTAAGTTT ATATTTCATC TGTTTCTGC AATTAAGTTT TAAAATTAAT TTCTACTTT
 31321 TTATGGTTT TATTTTAAT GCAATCATC TTATTTCT TATAATAATT GATAGTTTAT
 31381 TTATAGTA AATAAATTCT TTGGATGTT ATTATTATTG TGAGACGGTA ATAATTAAACA
 31441 TAACAGAAAA TTCATGGTTA GGAAATTCAA TCAACTTTG TCCGGTTTCC TGACCATGAA
 31501 GAGCTGTATT TACTGTAGAA CTCGCATTGA TACTGGATTG ATTAGCCGGA CGAGTGTGG
 31561 GTCAGCAGAT AATATGTTGT ATATTGGCTG TGGATTTC AGCGAGATGA TAGCTTGGC
 31621 AGTAAAGGCG ATTAATAACC GATAAAACAG AGAGACGGAT TGTGGCCAGG AAAGCAAAA
 31681 AGCCTCACCA TGACCGTTA TTCAAAACATT TTTAACCCA ACCAGAAACC GCCCCGGAAAT
 31741 TTTTATCCCT TTATCTGGCG GAAGCGATCC GGTCACTG TGATTTACCA CACTAAAATC
 31801 GGAACCGGCA GCTTTGTGGA CAGGCAATTAA CGTCACTG ACAGTGTGAT GCTGTATTCT
 31861 GTCGAGACAA CCCACGGGG CCGTTACATT TATTGCTGA TTGAACACCA GTCCACGCC
 31921 GATCCGTTAA TGGCTGGCG GCTGATGTT TATTGCTGT CAGCCATGGC TGCGCATCTG
 31981 AAAAAAGGAC ATACTGAAC CCCTTGGTC GTCCCCCTGC TGTTTATCA TGTTGAGGTG
 32041 AGGCCTTACCT TTACTCAAA TCGATGGCTG GATTGTTTTA CACTCTCTGA ACACCGGGCT
 32101 CACCTGTATA ATCAGCCCCCT GCCGTTGGTG GATATCAGTG CGTCAGTGA TGAAGAGATC
 32161 CTGACACATA AAAGCATTGC TTGATGGAG CTGGTACAAA AACATATTCG TTGCGGGAT
 32221 ATGCTGGAGT GGGTTCCCA ATTGGTGGCG TTGTTGAATG CCGTTATAA TAGCGCCGAA
 32281 CAGCGCCATG TTGTGTTAACT CTATTTTTA CTGAATGGAC ATACGCTGGA TCTCGCCAG
 32341 TTGTCATC AACTGACTGA ACAATCTCG GAGCATGAAA CCATGTTGAT GACTATTGCA
 32401 GAACAGCTTG AACAAAAAAGG GCGTGAGCAA GCGGGACAG AAGGCAGAAC AGAAGGCAGA
 32461 GCTGAAGGAC GGGAAAGG CAAGCTGGAA ACGGCGCGC CATTATTACG GCATGGTGTG
 32521 AGTCTGGACA TCATTGTCAC CAGTACCGGC CTGAGCCGG AGAAAATTGA AGCCTTAAAG
 32581 CATTAAATGG ATACGTTTT TCACAGCAGG ATATGGTGAC CCCTGTGAGG CCACCGGAAA
 32641 ATTTTATTTA CTACGATTAA CGACGGTTA CTTAGGAAG CTGAATGAGA CGTCCTTGT
 32701 TATATAACGG TCCCATATCA ATCTTCTCTT TTCCCGTAC AGGTAAGTAA CCCAACCTT
 32761 CGTGAGCAGC ATTTGCCAAC AGGCCATCAT CCTGATCGCC TGACCAAGAG AAGATCCGC
 32821 CCAATTTCAT TTGGTTGCA TAAATTCCCT TATGACGACAG ACTGCGGGC GTATCCAGTG
 32881 AAATCCAGTG ACCACCGTCA GCATTAAGA GTGCGTCAGC GTCGGTTTCC GTGTCGTCA
 32941 CCAGTTCAAAT CTGATTTC CCGCGTGCAA TTTCATATTG CGCATCGTAT TGTTTATTCA
 33001 GCAGACAGAA GAATTCCGG GCACCTTTT CCATCGTGC CAGTGGCTCT CCTGTTCTGT
 33061 TATAGCGGCG CGTTGTCAGA TCAGCACCA GACATGAACG TCCATAGTTA GCAATCCGA
 33121 GGTAAATTTCCTT CTCCGGTTGT ACACCTTGTG ACAGTAAAAA GCGGATCGCC TCATCTGGC
 33181 AGTAATCCAT GTCCCGATCA GGATTGGCG GAGGAGGGTT ATCGCGTCA TATTCAATATC
 33241 TGGGGGGATA CAGGTAGTA TGGTGACCGA TGTATTCTGC CCAACCGGTA CCAAAGAAGT
 33301 CGTAGGTCAAT CACAAAGATA TTGTCATAAT AAGGTGCGAT TTCTTTGAAG CTGGACTTCT
 33361 CCATTTGGC AACGACGGCG CTACAGGCTA TCGTATTTC TTACCGGGC CGGGTTCCAA
 33421 AGGCATGTTT CAGTGTTCAC CGCAGCTCTT TCACTAACAA AACATAGTTT GGGCCATCAT
 33481 GTTCCGGGTC GAATTCAATT CCTTCTTCAC CTGCGCGCC GGGGTATTCC CAGTCGATAT
 33541 CCACCGCAGT AAACATGGGA AAACGCCGGG AAGAAGTCGA CGATGCTACT CACAAATGTA
 33601 GCACGTTGCT CAGGATTTT GGCCATCACAGA GAGAAATACC TCGACATACT CCAGCCGCC
 33661 ATACTGAATG CGAGTTCAG CTTATGCCCT GCCTGTTTG CTCGCGCTT CAGATTACGC
 33721 AATCCCCCA GTAAACCGGA GGCTGCATCC TGATTGTAAT ATTGCAAGAA ATTCTCGGG
 33781 CTGGCATCAC GGCCTGATC CGCGTCCAGA CCGACATTGC GTGTGGTGC TAAATCACCA
 33841 TAAGGATCAA CGGGTACAAT ATGGCTTAAT GTAATAGGGG CAATCTGGCC ACTGCTGGCT
 33901 TCTGCTTGCC GGTTCCACCC GTCAACAAACC TCATTAATCC GTTCGGATAA CTTGCCCTTG
 33961 TCACCGTTGA CGGCCATAAA ACTGAAAATC AGGCGGTGCGT AGGCGGTAGG CGGGATTTTT
 34021 TCCAGATCAA AACCACGGCC GGGGGCATCG TCGCTGGTCA CGCGAGTGT ATCCTGGGTT
 34081 TCTGGCGACA AACGCGCATTG ATACTGGCAC CAGTCAGTAA TATAGGAGA GACTTTAGGC
 34141 AGCGGTTCTG TATTTTCCGG ATCAACTTCAT TATTGTTGT ACAGGGACTT GGCAACACGT
 34201 GCTGAAGAAT AACTCAAAGG AGTTCGGCTG CGTCAGGGT TATATCCAC CTTCTGATAG

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Fig.2.

34261	GTTTCTTCTG	TGAGTGCATC	ATATTGCAAT	ACCTCGGTTT	TTTCTCCGG	CGGTACATCA
34321	GGCGTATTGG	GGTTACCGTG	ATCGGCAATT	TCTTCCGGTG	TCGCCTCACG	GACATATTGC
34381	CAGGCATTCT	CATAAACCGG	TAATCAGGT	GAAATATTGC	GTCGGGAAT	ATGCCAGCGT
34441	TCAACCAGC	CGATGTTTT	AAAACCCGG	CTATCATAAA	TGACATACCA	GGTTTGACCA
34501	CCAGATTGAT	TCTGCCAGGC	AACAGAGAT	GCGCCTACTT	CGCTGCTGGC	GTCAGACATC
34561	GCTTTAATTG	AAGGGTATCG	ATAAACATT	TGAGACATAA	TTTCACTTCC	GGCCCCGTTA
34621	TATTCCGGGG	CCGGCTCTG	ATATCAGTTA	GAATTGTCTT	TTTTAATTG	ATGTTTATTG
34681	AGACGGCTAC	GAACCTGCTG	GCTGAACCTA	TTACTTCCGC	CACTCACATC	ACGCGCGGTA
34741	TAACCGAGAT	GGAGGATAAT	ATCGCTCAGC	GACTCCAGCA	GCTGATCCTG	ATCGGAACCG
34801	AATTCCAATC	TCCACTGTGA	AATGGCGCCT	GTCCCTTCAA	AAGGCAGGAA	AAGTCATCA
34861	TCAAAATTGA	GCCTGAACAT	GCGCTGTCT	TCCATGGCG	TTGAAATCAC	CACACCTTGA
34921	TTAGCCTGTA	CGTTCAGCAA	AACGTTTCCG	GGTTGGTGT	ATTCCAAGGG	GTAAAGAAA
34981	TAATCGATAG	TTTTTAAGTC	AGCAGTACTG	TAAGGCTAT	TGCTGAGTTG	TACCACTGAA
35041	GCCCGTACAT	CTTCATAAGG	CCCCAGCAAT	GCGGGCAATG	ACAGCGCTAC	GGTTTTATA
35101	CGCCGATCAG	CGTGGGTGG	ATAATCGCG	AAGAACATT	CGCGCTCAG	TAAGAAAAGTG
35161	AATGAACCCG	TACTCTGCC	AATTTCCCAC	TGTGATGATG	TCAGTAATGA	TTTTACCGAT
35221	ATGGTTTTA	TGATCTCCAG	ACGTCTGGTG	TTATGTTGCA	AATACGCCTG	ATCCATCCGT
35281	TGTAAGGCTA	ATTTCAGATG	TTCTCCGACC	AGCAGCCCC	GATAAAGATC	ATTCCAGAGA
35341	CCACTTTGGA	CGAAATTCA	ATCATACTGA	CCTGTTTGT	ACTGCCAGGA	GGCTTCGGCC
35401	AGTAAACAGA	GGGAATTAAC	CGCATCATAG	GCTTGAGGT	AAAGCCGGAG	ATTTGGCTGA
35461	TCATCCACAT	GTATAACGCA	TCATTGGTAN	ANTTGGTCNN	NNNNNNNNNN	NNNNNNNNNC
35521	CCGAAAGATA	CCGCAAGAG	CATCCCCCCC	ACGGCCAGAC	CGAAAATATT	GGGAACCCATA
35581	TCCGCCACAG	CGGGCGCAGT	GGCGGCTGAC	TGGGCAGCGA	TCACACCTTC	AGCCGCTTT
35641	GATTGTAATG	CGATAACTTC	CTGCTCGGTG	ATGGAGATGT	TTTCATCATA	GAGCGATTAA
35701	TAGTGTGCT	GGCGCTCTG	AGCGGGCCGT	CGGCTGATGG	TCAGTGCATC	CAATGAAGCC
35761	TGTTGATG	CAATCGCTT	CTGTTGCAGA	TTGCGGGTAA	AGCTGTACAG	CCCCAGTTGC
35821	TGCTGCATAC	GGAAAGTGTTC	AAAATCGGT	TTGCTTTTT	TCTCCAGCAA	ACTCAGTAAC
35881	GTGCTGCCGT	ACTGAATCAG	CGTTCTGCG	GCCTCTTTG	CCCGGCTCAT	GATCGGGGTG
35941	AAACGATAAT	TCGGGATTGC	CCGGCGTTTC	ATGCCCGCCA	TACGATTAGC	CACAAACACGC
36001	TGGTAACGCT	GCCTGAGCAG	ATCTTGCGGG	CTGATGGTT	CATCGTATAA	TCCGGCCGGA
36061	AACTCTTAC	CATCCAAGGT	CAGGTTATGA	CGTAAGTTAT	ATAGACGCTG	ATCCAACATT
36121	TGCCACAGTT	TGAGATATT	CGTATCAACA	GGTTGACAA	AAUAAATCAGA	CGGTGCGGCA
36181	GAGACGGATG	TATCATATG	CACAGGAGA	GTAGGGCACGT	TGCTGACAGT	AAGCATTAAC
36241	TCCTGTGCC	GTGCTTCACT	GTTCATAC	AGAGCCACAT	CTTGCAGCGT	ACGGGGTTGC
36301	CAGTTGCCG	CGAGCAGAAT	ATCAGGGCTG	GTACCCAGTA	ACATATTGAC	GGAGTCATAG
36361	ATCTGCTTGG	CGACAGTACG	TGCACTGGAT	GTCAGCTTAC	GGTATTCCAT	GTCTCCCTGA
36421	TCTAACAGAT	TCTTGACATA	GAAACGGAAT	ATTGCTTTCC	GGTAGTGAAT	GGGTTCACTG
36481	GCTGAATGG	CATCCGGATC	GGTTGGTCA	ATTAACATCC	GGTACACGGT	GGGTGGAGGA
36541	TCAATAATTG	GGCGTGAATT	CCAGTAACGC	GGTTTACCTT	GGTTGCTGGC	CTGAACAAGT
36601	TCATCTTCCA	GGGGATTAAA	AAATATAGTG	AGCCATTCTGG	TGGCTCTT	TAATCGTTGT
36661	TCTATATTCA	GTCGCCACGC	GACCAGAAAT	GGCATATGGA	AAAACAGTTC	CCAGAAATAG
36721	ATCCCATTTG	CGCCATTAA	ATCAATCGGC	GTAGGGAAATG	AACCGGGTAT	AGGCTTGTG
36781	GTAATAAGCT	GTGTATTCCA	GTCAGTACCC	TGCGGGATAC	CCTGACTGTC	AATGGCAGTC
36841	AGTTTTTTG	CAAACAGTGT	ATTAAGGCGA	ATGTTTTGTG	GGCGGTTATC	AGTTTCATCT
36901	GCGGGGAAGG	AAAGGAATTG	CACCTGATCC	TGTTCATGTA	GTAAATCATG	TTCGCGAATA
36961	TGCATACCGA	TTCTGAACTC	TTGAGTACAG	CTGGCACTTT	CATTGCCAAC	ACCACCTTTG
37021	GGCTTAAAGA	GAAGTTGGC	TTTCAGGGTG	ATTCGATTAT	CCGACCCAG	CTTGATTGAT
37081	GGATAGGTTA	AATCAAGAAC	TTTTCGCTC	AGTACCACTG	GTTGTTCATC	CAAGACAGTA
37141	TTATCGTGA	TCAGCCGAA	AGAACCGTTG	TAATATTGAT	GATCTTCTAT	CGCACCAAAC
37201	TTAAAGTCAG	ATTGAGCGAC	AATCTCCAGT	GTGTCATCAG	TGCCATGAAC	AAAATGACA
37261	ATCAGTTGA	TACTGTCTT	GGCGAAATCA	GGGTTCATTC	CGGTTTGGAT	TCTCCGGCAA
37321	TAGGAAAGCG	TTCTCCCGG	GTGGCCGGAT	AGAGCACCAT	AGTACGGTAA	TCGATAGGAT
37381	TGCCCTTAAGG	CATCCTGTG	ITACAGTGT	TAATACCAGA	CCAGGTTGCC	GACATATTTC
37441	CCTTTCGTC	CATCAGCATA	TTGGTCATCC	GGCAAATCAG	TAATTTCTAC	CAGCAGTGT
37501	TCGAGACAT	AACCGAAGGC	TTCGTCATAA	TCATAATCCT	TACCTTTCTT	ATCTGCCCC
37561	TGAAGACGGA	CAAACGGAAC	CAGAGCCAGA	AACGGGTTAT	GGGGGTCTTG	CTGTATATCC
37621	ATCACAGCAA	CCATCTGGC	CATCCGGTAT	TGCAGATGTC	TTCGCGCAGA	ATGGTGGGTG
37681	TACTCCAGCT	GCCATCATAT	TTGGCATAAG	CGATTITGAT	CCGGTCAGGA	ACGGTGTGGG
37741	AGGAACCCAA	TCACCCGCAC	TAGGCTCAAC	GTGTTGGTTA	TGCACTGATA	ACGCAGTTGT
37801	ATCTTATGTT	TCAGACTGTT	CTTCAACTTC	CGTCCAGGCA	ATATAACAGC	GATTATTCA
37861	GAAAATGGGG	CGTATCAAAT	TGGGGTCTAC	GCTGCCAAT	GGCAGGTCAA	TAGGTTCCA
37921	CTCGCTCCAG	GCATTGGGAG	ATAACGCATC	GGTATCAGGA	TGGCGTATCG	AAAGATTCA
37981	TGAACGCCAG	TAATATTGGT	ATGGCTGTGT	ACGGGTACGT	CCGACAAAGA	AGAACTTATC
38041	GC GTTTGATG	TTAACACCAC	CTTCATAACC	TGCGATAACT	TTCAGGTTAC	TGACATCTTC

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Fig.2.

38101 AAAATTATTTC AGATAACCGA GCACCGCTTG TTGTACAGAA TCTTCGGTAA TTTTCCCTG
38161 ATTAAGGGCA CTTTCCAGTT GGAAGAAGAA TTCTGTTTA TTCAGGCGTA ACAGGGGTTTC
38221 CAGATAGCTT TCCGGATAAG TCCGTAATAA GCGATCCC

N=unspecified base

Fig.3.

